Contents Volume 199

LEON JAY GLESER (West Lafayette, Indiana), MICHAEL D. PERLMAN (Seattle, Washington), S. JAMES PRESS (Riverside, California), AND ALLAN R. SAMPSON (Pittsburgh, Pennsylvania) A Brief Biography and Appreciation of Ingram Olkin
T. Ando (Sapporo, Japan)  Majorizations and Inequalities in Matrix Theory
Y. L. TONG (Atlanta, Georgia)  Some Recent Developments on Majorization Inequalities in  Probability and Statistics
KARL MOSLER (Hamburg, Germany)  Majorization in Economic Disparity Measures
JAMES V. BONDAR (Ottawa, Ontario, Canada)  Comments on and Complements to: Inequalities: Theory of Majorization and Its Applications, by Albert W. Marshall and Ingram Olkin
HECTOR F. MIRANDA AND ROBERT C. THOMPSON (Santa Barbara, California) Group Majorization, the Convex Hulls of Sets of Matrices and the Diagonal Element—Singular Value Inequalities
KHAKIM D. IKRAMOV (Waterloo, Ontario, Canada)  A Simple Proof of the Generalized Schur Inequality
STEEN A. ANDERSSON (Bloomington, Indiana) AND MICHAEL D. PERLMAN (Seattle, Washington)  A Characterization of Matrix Groups That Act Transitively on the Cone of Positive Definite Matrices
MARKUS ABT (Augsburg, Germany) A Note on the Product Correlation Rule
SRINIVASA R. ARIKATI AND URI N. PELED (Chicago, Illinois)  Degree Sequences and Majorization
BERTHOLD HEILIGERS (Augsburg, Germany) Totally Nonnegative Moment Matrices
J. FERRER, M <sup>A</sup> I. GARCÍA, AND F. PUERTA (Barcelona, Spain) Differentiable Families of Subspaces
M^ ASUNCIÓN BEITIA AND JUAN M. GRACIA (Vitoria-Gasteiz, Spain)  Local Behavior of Sylvester Matrix Equations  Related to Block Similarity
R. B. Bapat and Subhash C. Kochar (New Delhi, India) On Likelihood-Ratio Ordering of Order Statistics
B. Mond and J. E. Pečarić (Bundoora, Victoria, Australia) Inequalities Involving Powers of Generalized Inverses

## Table of Contents continued

JIANMING MIAO AND ADI BEN-ISRAEL (New Brunswick, New Jersey) On I <sub>P</sub> -Approximate Solutions of Linear Equations
S. W. Drury (Montreal, Quebec, Canada)  A Bound for the Determinant of Certain Hadamard Products and for the Determinant of the Sum of Two Normal Matrices
INGO ALTHÖFER (Bielefeld, Germany) On Sparse Approximations to Randomized Strategies and Convex Combinations
H. K. WIMMER (Würzburg, Germany) Roth's Theorems for Matrix Equations With Symmetry Constraints
M. KNOTT AND C. S. SMITH (London, England) On a Generalization of Cyclic Monotonicity and Distances Among Random Vectors
ALAN HOFFMAN (Yorktown Heights, New York) AND URIEL G. ROTHBLUM (Haifa, Israel)  A Proof of the Convexity of the Range of a Nonatomic Vector Measure Using Linear Inequalities
RUSSELL MERRIS (Hayward, California)  Degree Maximal Graphs Are Laplacian Integral
S. W. Drury (Montreal, Quebec, Canada) On a Theorem of Wielandt and the Compounds of Unitary Matrices
XIAO-LI MENG (Chicago, Illinois) AND DONALD B. RUBIN (Cambridge, Massachusetts)  On the Global and Componentwise Rates of Convergence of the EM Algorithm
RAFAEL BRU, JUANA CERDÁN, AND ANA M. URBANO (Valencia, Spain) An Algorithm for the Multiinput Pole Assignment Problem
AUTHOR INDEX

